

Title (en)

Ceiling or wall-mounted apparatus for introducing cooled or heated air into a room

Title (de)

Decken- oder Wandgerät zum Einbringen gekühlter oder erwärmter Luft in einen Raum

Title (fr)

Appareil plafonnier ou mural destiné à introduire de l'air refroidi ou réchauffé dans une pièce

Publication

**EP 2716990 A3 20180328 (DE)**

Application

**EP 13002722 A 20130525**

Priority

DE 102012019710 A 20121008

Abstract (en)

[origin: EP2716990A2] The air circulation apparatus (1) has a flat housing (2) in which a fan impeller is arranged. An air inlet (5) is surrounded by an air outlet ring which is divided into air outlet channels (7,8) oriented diagonally downward or front side (3) of housing such that air flow is helically guided into space. The slanting angle of air outlet channel (7) is set different than that of air outlet channel (8).

IPC 8 full level

**F24F 13/06** (2006.01); **F24F 1/02** (2011.01); **F24F 5/00** (2006.01)

CPC (source: EP)

**F24F 1/0011** (2013.01); **F24F 1/0047** (2019.01); **F24F 1/0057** (2019.01); **F24F 13/06** (2013.01); **F24F 13/08** (2013.01); **F24F 2013/0616** (2013.01)

Citation (search report)

- [XAYI] WO 2011130778 A1 20111027 - KAIP PTY LTD [AU], et al
- [Y] DE 102008022473 A1 20091112 - AIRBUS GMBH [DE]
- [A] EP 0595756 A1 19940504 - CARRIER CORP [US]
- [A] CA 2554328 A1 20080127 - HOLYOAKE IND LTD [NZ]
- [A] KR 20100012859 U 20101228

Cited by

CN110500654A; EP3109558A1; EP3339755A1; US11002451B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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